

Box 500 / 1652
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Rine et al.

Serial No. 09/165,460

Filed: October 2, 1998

For: *AFC1 and RCE1: Isoprenylated
CAAX Processing Enzymes*



Group Art Unit: 1652

Examiner: Tung, P.

Attorney Docket No. B96-021-3

CERTIFICATE OF MAILING

I hereby certify that this corr. is being deposited with the US Postal Service as First Class Mail in an envelope addressed to the Exam. for Patents, Washington, D.C. 20231 on Dec 13, 2000..

Signed

Richard Osman

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RESPONSE

The Commissioner for Patents
Washington, DC 20231

Dear Examiner Tung:

Thank you for the Office Action dated Sept. 13, 2000. Please enter these amendments:

IN THE SPECIFICATION

On p.9, line 20, please change "Meyers" to -Myers- and "Computer Applic. Biol. Sci." to -Comput Appl Biosci (now, Bioinformatics)-.

Immediately prior to the claims, please replace the 7 page Sequence Listing with the enclosed 9 page Sequence Listing.

IN THE CLAIMS

Please cancel all pending claims and add new claims 31-46 as follows:

31. (New) A recombinant expression vector comprising a promoter operably linked to an expressed polynucleotide which hybridizes under highly stringent conditions to a nucleic acid which encodes a polypeptide consisting of SEQ ID NO:2 or conservatively modified SEQ ID NO:2, wherein said polypeptide mediates the proteolytic removal of an AAX tripeptide from a prenylated CAAX protein and said highly stringent conditions comprise hybridization and wash

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